

US011216805B2

(12) United States Patent

Parker et al.

(10) Patent No.: US 11,216,805 B2

(45) **Date of Patent:** Jan. 4, 2022

(54) COIN OPERATED DIGITAL PAYMENTS HUB

(71) Applicant: **ModoPayments, LLC**, Richardson, TX

(72) Inventors: Bruce Parker, Richardson, TX (US);
Aaron Wilkinson, Albany, OR (US);
Bion J. Oren, Dallas, TX (US);
Gregory W. Harvey, McKinney, TX
(US); Matthew R. Leavenworth,

Charlotte, NC (US)

(73) Assignee: **ModoPayments, LLC**, Richardson, TX

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 15/697,145

(22) Filed: Sep. 6, 2017

(65) **Prior Publication Data**

US 2018/0068304 A1 Mar. 8, 2018

Related U.S. Application Data

- (60) Provisional application No. 62/384,838, filed on Sep. 8, 2016.
- (51) Int. Cl. G06Q 20/38 (2012.01) G06Q 20/02 (2012.01) G06Q 20/40 (2012.01)
- (52) **U.S. CI.**CPC *G06Q 20/382* (2013.01); *G06Q 20/027* (2013.01); *G06Q 20/401* (2013.01)

(56) References Cited

U.S. PATENT DOCUMENTS

7,428,988	B1*	9/2008	Starr	G06Q 30/06
7.406.526	D2 #	2/2000	T 1	235/383
7,496,536	B2 **	2/2009	Lasater	705/35
2004/0039692	A1	2/2004	Shields et al.	103/33
2004/0148252	A1	7/2004	Fleishman	
2007/0011014	A1	1/2007	Umapathy	
2007/0038560	A1	2/2007	Ansley	
(Continued)				

FOREIGN PATENT DOCUMENTS

WO WO 2015/051361 A1 4/2015

OTHER PUBLICATIONS

"Accounting transactions created when processing refunds", May 2016.*

(Continued)

Primary Examiner — Allen C Chein (74) Attorney, Agent, or Firm — Frost Brown Todd LLC

(57) ABSTRACT

A system and method are described for a COIN-based payment event data management system. The COIN can provide a consolidated source of accounting for all parties to a transaction by providing for multi-directional translation, resolution, accounting and other functions. A COIN server can interface with buyers and sellers, requesters and debtors, and other parties. The COIN server can communicate with different API's of various parties. Functionality can include means of analyzing payment and transaction behavior.

8 Claims, 27 Drawing Sheets

